

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 515 | (310/324).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/23 15:11 |
| L3 | 216 | (310/327).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/23 15:30 |
| L4 | 91 | (239/351).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/23 15:40 |
| L5 | 102 | (239/363).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/23 15:41 |
| L6 | 123 | (239/362).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/23 15:42 |
| S1 | 23 | fricke-christian.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/23 15:06 |
| S2 | 4 | ((("6203291") or ("5899381"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 15:31 |
| S3 | 11 | ("3657930" "3972656" "4555718" "4581624" "4822250" "4826131" "4911616" "5171132" "5259737" "5588466" "5876187").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 15:44 |
| S4 | 8 | ("0649886" "4520375" "4636149" "4842493" "4911616" "4938742" "4939405").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 15:52 |
| S5 | 65 | ("5171132").URPN. | USPAT | OR | ON | 2005/06/16 16:05 |

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S6 | 74562 | ("417").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:05 |
| S7 | 127 | S6 and (micro near pump\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:40 |
| S8 | 60148 | ("347").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:12 |
| S9 | 63 | S8 and (micro near pump\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 16:15 |
| S11 | 499 | (239/57).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:14 |
| S12 | 251 | (239/302).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:14 |
| S13 | 234 | (239/101).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:33 |
| S14 | 291 | (239/102.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:54 |
| S15 | 889 | (239/102.2).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:55 |
| S16 | 15 | ("3387607" "3679132" "3700169" "3790079" "3852773" "3900162" "4078877" "4209131" "4285352" "4388627" "4465234" "4514742" "4516140" "4533082").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 16:48 |

| | | | | | | |
|-----|------|----------------|---|----|-----|------------------|
| S17 | 269 | (347/6).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:52 |
| S18 | 330 | (347/84).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 16:52 |
| S19 | 830 | (347/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:42 |
| S20 | 89 | (347/25).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:53 |
| S21 | 65 | (347/27).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:39 |
| S22 | 791 | (347/56).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:39 |
| S23 | 561 | (347/63).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:39 |
| S24 | 915 | (347/65).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:40 |
| S25 | 192 | (347/67).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:40 |
| S26 | 1718 | (347/68).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:40 |

| | | | | | | |
|-----|-------|------------------------------------|---|----|-----|------------------|
| S27 | 562 | (347/70).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:40 |
| S28 | 4534 | S20 S21 S22 S23 S24 S25 S26 S27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 07:42 |
| S29 | 1 | S28 and (diaphragm near micropump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:05 |
| S30 | 63565 | ("239").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:53 |
| S32 | 60148 | ("347").CLAS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:53 |
| S33 | 202 | S30 and S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 07:54 |
| S34 | 2116 | (239/34-60).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:54 |
| S35 | 291 | (239/102.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:56 |
| S36 | 889 | (239/102.2).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:56 |
| S37 | 3198 | S34 S36 S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 07:56 |

| | | | | | | |
|-----|--------|--|---|----|----|------------------|
| S38 | 64 | S33 and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:03 |
| S39 | 8 | ("5152456" "5437255" "5489928" "5563640" "5786832" "5798775" "5829411" "5840062").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 07:57 |
| S40 | 3 | ("6474566").URPN. | USPAT | OR | ON | 2005/06/20 07:58 |
| S41 | 535 | gas and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:06 |
| S42 | 594 | gas\$3 and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:04 |
| S43 | 623 | vapor\$5 and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:04 |
| S44 | 995 | S42 S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:04 |
| S45 | 0 | S44 and S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:04 |
| S46 | 1 | S44 and (diaphragm near micropump) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:06 |
| S47 | 123511 | S30 S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:05 |
| S48 | 34 | diaphragm near micropump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:06 |

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S49 | 15 | gas and S48 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:06 |
| S50 | 5 | ("4939405" "5085562" "5094594" "5224843" "5336062").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 08:08 |
| S51 | 2 | ("3963380" "5224843").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 08:10 |
| S52 | 27 | ("5336062").URPN. | USPAT | OR | ON | 2005/06/20 08:10 |
| S53 | 29 | ("5529465").URPN. | USPAT | OR | ON | 2005/06/20 08:11 |
| S54 | 1731 | micro near pump\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:40 |
| S55 | 2381 | micropump\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:40 |
| S56 | 3864 | S54 S55 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:40 |
| S57 | 2005 | S56 and (gas\$4 or vapor\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 10:13 |
| S58 | 2 | ("5899381").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:14 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S59 | 61 | ("0338770" "1696774" "1916235" "2680449" "2807215" "2924359" "2979897" "2984188" "3115280" "3430731" "3602214" "3685734" "3842939" "3877989" "3894538" "3990848" "4023648" "4111655" "4145001" "4254910" "4320873" "4571485" "4629604" "4671386" "4774082" "4849606" "4902278" "4968456" "4969874" "5007529" "5068099" "5136684" "5171485" "5242111" "5250265" "5273690" "5299736" "5342584" "5354264" "5361522" "5373581" "5398851" "5399404" "5431859" "5437410" "5439100" "5454122" "5478505" "5593552" "D306644" "D315789").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/20 10:19 |
| S60 | 5 | ("5899381").URPN. | USPAT | OR | ON | 2005/06/20 10:22 |
| S61 | 329 | (239/34).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 10:23 |